

**City of Belmont  
Community Development  
Permit Center**



**One Twin Pines Lane  
Suite 110  
Belmont, CA 94002**

## **Solar Domestic Water Heating Standard Plan for One- and Two-Family Dwellings**

SCOPE: Use this plan ONLY for solar domestic water heating (SDWH) systems not exceeding a thermal output rating of 30kWth on the roof of a one- or two-family dwelling or accessory structure used for domestic water heating. Systems must be in compliance with current California Building Standards Codes and local amendments of the authority having jurisdiction (AHJ). Other Articles of the California Mechanical Code (CMC), Electrical Code (CEC), California Plumbing Code (CPC), and California Building Code (CBC), or other California health and safety Codes shall apply.

MANUFACTURER'S SPECIFICATION SHEETS MUST BE PROVIDED for the proposed collectors, controller, pumps, storage tanks/heat exchanger, heat transfer fluid details, and mounting systems. Installation instructions for all equipment shall be provided. Listed and labeled equipment shall be installed and used in accordance with any instructions included in the listing or labeling. Equipment intended for use with a DHWS shall be identified and listed for the application.

Job Address: \_\_\_\_\_ Permit #: \_\_\_\_\_

Contractor/ Engineer Name: \_\_\_\_\_ License # and Class: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Total # of Inverters installed: \_\_\_\_\_

### **Major Components (for SDWH systems)**

Solar Tank Make/Model \_\_\_\_\_ Gallons \_\_\_\_\_ Insulation R- \_\_\_\_\_

Is The System Pressurized? Yes No

Heat Exchanger Make/Model \_\_\_\_\_ Number of Walls \_\_\_\_\_ Heat Exchange Fluid \_\_\_\_\_

Solar Control Make/Model \_\_\_\_\_

Solar \_\_\_\_\_ Pump/Circulator \_\_\_\_\_ Make/Model \_\_\_\_\_

Expansion Tank Make/Model \_\_\_\_\_ Is the Expansion Tank Appropriately

Sized for Use? Yes No

Mounting Hardware Make/Model or Type \_\_\_\_\_

Does All data, Listed Above, Substantially Match Those Data Used For Certification? Yes No

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